

Express mail certificate number EV 487108565 US dated 16 March 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> 1-16784
		<b>U.S. APPLICATION NO. (If known, see 37 CFR 1.5)</b> 10/511,078
<b>INTERNATIONAL APPLICATION NO.</b> PCT/EP03/03773	<b>INTERNATIONAL FILING DATE</b> 11 April 2003 (04.11.2003)	<b>PRIORITY DATE CLAIMED</b> 12 April 2002 (12.04.2002)
<b>TITLE OF INVENTION</b> Device for Adjusting and Verifying the Tension Force of Screwed Connections		
<b>APPLICANT(S) FOR DO/EO/US</b> Holger Luethje and Jan-Hinrich Sick		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

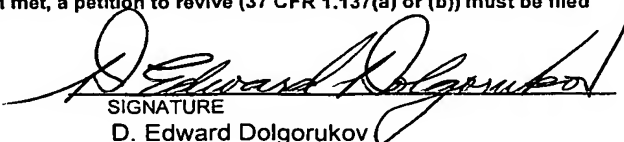
1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☒ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Express mail certificate; return receipt card; copy of 371 Formalities Ltr

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/511,078</b>		INTERNATIONAL APPLICATION NO. <b>PCT/EP03/03773</b>		ATTORNEY'S DOCKET NUMBER <b>1-16784</b>	
The following fees have been submitted				<b>CALCULATIONS      PTO USE ONLY</b>	
21. <input type="checkbox"/> Basic national fee..... \$300				\$	
22. <input type="checkbox"/> Examination fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations..... \$200				\$	
23. <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500				\$	
<b>TOTAL OF 21, 22 and 23 =</b>				\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	- 20 =		x \$ 50	\$	
Independent claims	- 3 =		x \$ 200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 130.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
<b>SUBTOTAL =</b>				\$ 130.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$ 130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 170.00	
03/22/2005 SNAJARRO 00000119 10511078 01 FC:1617 130.00 OP				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>170.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-1816</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO: Customer Number 001678 Marshall & Melhorn, LLC Four SeaGate - 8th Floor Toledo, Ohio 43604 Phone: (419) 249-7146 Fax: (419) 249-7151			 SIGNATURE D. Edward Dolgorukov NAME 26,266 REGISTRATION NUMBER		

Rec'd PCT/PTO 16 MAR 2005 10/511078

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I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on March 16, 2005 and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Kathleen J. Moore*  
(Signature of person mailing correspondence)

Kathleen J. Moore  
(Typed name of person mailing correspondence)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	]	
HOLGER LUETHJE and JAN-HINRICH SICK	]	Group Art Unit:
	]	
Application No. 10/511,078	]	
Filing Under 35 U.S.C. 371 in the DO/EO/US	]	Examiner:
of PCT/EP03/03773 filed 11 April 2003	]	
	]	
For: DEVICE FOR ADJUSTING AND	]	Attorney Docket 1-16784
VERIFYING THE TENSION FORCE	]	
OF SCREWED CONNECTIONS	]	

March 16, 2004

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Commissioner for Patents  
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RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS  
UNDER 35 U.S.C. 371

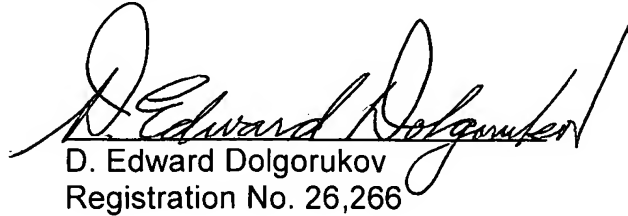
In response to the "Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US)" dated February 28, 2005 (copy attached), enclosed is the fully executed Combined Declaration and Power of Attorney document.

Also enclosed is an Assignment document from Holger Luethje and Jan-Hinrich Sick to Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V. for recordation.

A check in the amount of \$170.00 is enclosed to cover the requisite fees:  
\$130.00 surcharge for late filing of the Declaration and \$40 for recordation of the  
Assignment.

Please charge any additional fees due or credit any overpayment to Deposit  
Account No. 13-1816.

Respectfully submitted,



D. Edward Dolgorukov  
Registration No. 26,266

ATTORNEYS  
MARSHALL & MELHORN, LLC  
Four SeaGate - 8<sup>th</sup> Floor  
Toledo, Ohio 43604

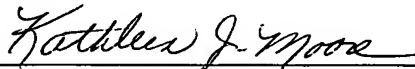
Customer Number 001678  
Phone: (419) 249-7146  
Fax: (419) 249-7151

CERTIFICATE UNDER 37 CFR 1.10 OF MAILING BY "EXPRESS MAIL"

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Date of Deposit March 16, 2005

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Signature of person mailing correspondence

Kathleen J. Moore

Typed name of person mailing correspondence

FILING IN THE UNITED STATES DESIGNATED/ELECTED OFFICE  
(DO/EO/US) UNDER 35 USC 371

U.S. Application Number 10/511,078

International Appln. No. PCT/EP03/03773 filed 11 April 2003

Earliest Priority Date Claimed: 12 April 2002

Title: Device for Adjusting and Verifying the Tension Force  
of Screwed Connections

Inventors: Holger Luethje and Jan-Hinrich Sick

Assignee: Fraunhofer-Gesellschaft zur Foerderung der angewandten  
Forschung e.V.

Attorneys: Marshall & Melhorn, LLC

Attorney Docket No: 1-16784



## UNITED STATES PATENT AND TRADEMARK OFFICE

COPY

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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/511,078	Holger Luethje	1-16784

001678  
 MARSHALL & MELHORN  
 FOUR SEAGATE, EIGHT FLOOR  
 TOLEDO, OH 43604

INTERNATIONAL APPLICATION NO.	
PCT/EP03/03773	
LA. FILING DATE	PRIORITY DATE
04/11/2003	04/12/2002

CONFIRMATION NO. 8778

371 FORMALITIES LETTER



\*OC000000015286327\*

Date Mailed: 02/28/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 10/12/2004
- Copy of the International Search Report filed on 10/12/2004
- Preliminary Amendments filed on 10/12/2004
- Request for Immediate Examination filed on 10/12/2004
- U.S. Basic National Fees filed on 10/12/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Late oath or declaration Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions

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 MARSHALL & MELHORN, LLC

of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/511,078	PCT/EP03/03773	1-16784

FORM PCT/DO/EO/905 (371 Formalities Notice)

COPY